REMARKS

Applicant thanks the Examiner for the thorough consideration given the present application. Claims 1- 93 and 110-177 remain under consideration in this application.

In the outstanding Office Action, the Examiner required a restriction between a first invention including claims 1-93 drawn to a method of analyzing pressure waves and a second invention including claims 94-109 drawn to a method of analyzing pressure signals. Applicant herewith elects Invention I including claims 1-93. Applicant has cancelled claims 94-109 and reserve the right to file a divisional application of the non-elected invention.

Applicant has added new claims 110-177 by way of the present Amendment. It is believed that these claims also relate to the same elected invention. Accordingly, entry of these claims at this time is appropriate.

Applicant has amended various claims to correct for minor errors and to better describe the invention.

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Conclusion

In view of the above election, Applicant submits that the application is now in condition for a full examination on the merits. Accordingly, an early and favorable action is respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Robert F. Gnuse Reg. No. 22,463 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: November 6, 2006

Respectfully submitted,

By_____

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